

Appl. No. 09/584,205
Amdt. dated 12/21/04
Reply B to Final Office Action dated 09/21/04

I. AMENDMENTS TO THE CLAIMS

Please cancel claim 11 and replace claims 1, 17, and 21 as shown below. All pending claims are reproduced below, including those that remain unchanged. This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (Currently Amended) A method for linking a scanned document to a video, comprising the steps of:

- (a) obtaining a scanned document having margins;
- (b) removing the margins from the scanned document;
- (c) scaling the scanned document;
- (d) removing the least significant information from the scanned document;
- (~~ed~~) transforming the scanned document of step d[[c]] into a scanned document identifier;
- (fe) obtaining a video file having a plurality of video frames;
- (gf) transforming the plurality of video frames into a plurality of respective video frame identifiers;
- (hg) comparing the scanned document identifier with the plurality of video frame identifiers; and
- (ih) linking the scanned document to a first video frame in the plurality of video frames.

Claim 2. (Original) The method of claim 1, wherein the obtaining a scanned document step includes the step of scanning a document.

Claim 3. (Original) The method of claim 1, wherein the removing the margins step includes reducing the boundary box of the scanned document until the margins having a uniform color is removed.

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Claim 4. (Original) The method of claim 1, wherein the scaling step includes scaling the scanned document to approximately 64 pixels by approximately 64 pixels.

Claim 5. (Original) The method of claim 1, wherein the transforming the scanned document step includes using a orthonormal transform.

Claim 6. (Original) The method of claim 5, wherein the orthonormal transform is a discrete cosine transform.

Claim 7. (Original) The method of claim 5, wherein the transforming step includes removing the least significant information.

Claim 8. (Original) The method of claim 1, wherein the obtaining a video file includes recording an event with a video recorder.

Claim 9. (Original) The method of claim 1, wherein the transforming the plurality of video frames step includes using a orthonormal transform.

Claim 10. (Original) The method of claim 9, wherein the orthonormal transform is a discrete cosine transform.

Claim 11. (Canceled)

Claim 12. (Original) The method of claim 1, wherein the comparing step includes comparing color information from the scanned document and color information from the plurality of video frames.

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Claim 13. (Original) The method of claim 1, wherein the linking step includes linking the scanned document to a first and a second frame in the plurality of frames.

Claim 14. (Original) The method of claim 1, wherein the scanned document includes handwritten annotations.

Claim 15. (Original) The method of the claim 14, further comprising the step of extracting the annotations from the scanned document.

Claim 16. (Original) The method of claim 1, further comprising the step of viewing a segment of the video by double-clicking a universal resource locator address of the scanned document.

Claim 17. (Currently Amended) An information system, comprising:
a first processing device; and[[,]]
a persistent storage device, coupled to the processing device, for storing linking software,
wherein the linking software removes the least significant information from a scanned document and creates a link between a scanned document file and a segment of a video file responsive to a comparison of a transformed scanned document and a transformed video frame.

Claim 18. (Original) The information system of claim 17, further comprising:

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a scanner, coupled to the first processing device, for creating the scanned document file from a physical document.

Claim 19. (Original) The information system of claim 17, further comprising:
a camera, coupled to the first processing device, for creating the video file.

Claim 20. (Original) The information system of claim 17, further comprising:
a second processing device, coupled to the first processing device, for viewing the segment of the video.

Claim 21. (Currently Amended) An article of manufacture, including a computer readable memory, comprising:

- (a) a first software program for obtaining a scanned document;
- (b) a second software program for obtaining a video file; and
- (c) a third software program for removing the least significant information from the scanned document and linking the scanned document to a [[d]] segment of the video file.

Claim 22. (Original) The article of manufacture of claim 21, wherein the third software program includes an orthonormal transform.

Claim 23. (Original) The article of manufacture of claim 21, wherein the third software program includes a scaling software program.

Claim 24. (Original) The article of manufacture of claim 21, wherein the third software program includes a software program for removing the least significant information.

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Claim 25. (Original) The article of manufacture of claim 21, wherein the third software program includes a software program for removing the margins of the scanned document.

Claim 26. (Original) The article of manufacture of claim 21, wherein a fourth software program extracts handwritten annotations from the scanned document.

Claim 27. (Original) The article of manufacture of claim 21, wherein the third software program links the scanned document to multiple segments of the video file.

Claim 28. (Original) The article of manufacture of claim 21, wherein the third software program compares color information from the scanned document to color information from the video file.

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